

Kevin Doyle
Stony Brook University
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Education:

MA Ecology & Evolution <i>Stony Brook University, Stony Brook, NY 11790</i> Concentration: Applied Evolution	2015
BS Biology <i>Stony Brook University, Stony Brook, NY 11790</i> Major: Biology Minor: Ecosystems and Human Impact	2013

Research:

Hollister Lab <i>Stony Brook University, Stony Brook, NY 11790</i> Project: Evolution of allopolyploidy in <i>Arabidopsis thaliana</i>	2015
Baines Lab of Aquatic Ecology <i>Stony Brook University, Stony Brook, NY 11790</i> Project: Fe Limitation in the Copepod <i>Acartia tonsa</i>	2013 - 2015

Teaching:

BIO 341: Plant Diversity — T.A. <i>Stony Brook University, Stony Brook, NY 11790</i> Description: An introduction to the study of plants, especially green plants, including the origin and evolution of land plants. Topics include cellular structure and function, photosynthesis and respiration, gross anatomy, taxonomy and the diversity of organisms, plant ecology, agriculture.	2015
SBC 201: Systems and Models — T.A. <i>Stony Brook University, Stony Brook, NY 11790</i> Description: Introduction to the dynamic modeling of complex systems using simulation software that facilitates the visualization, formulation, and analysis of systems. Systems studied include ecological, economic, chemical, population, and epidemiological models.	2012

Future Publications:

Doyle, K.W and Baines, S.B. 2015. A Study of Iron Limitation in the Copepod *Acartia tonsa*. (In Progress)

Skills:

- High experience with Unix operating systems
- Proficient in the programming language R
- Experience using Python for bioinformatic work
- Skilled in statistical data analysis
- Experience with computational and bioinformatic methods/algorithms to analyze data